

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

EXPRESS MAIL LABEL NO. E19859636US	DATE July 25, 2000
ATTORNEY'S DOCKET NO. A31178 PCT USA A	
U.S. APPLICATION NO. 60/073,651, 60/073,652, 60/073,653	

097600947

INTERNATIONAL APPLICATION NO. PCT/US99/02493	INTERNATIONAL FILING DATE February 4, 1999	PRIORITY DATE CLAIMED February 4, 1998
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TITLE OF INVENTION

CHEMICAL SENSORS HAVING MICROFLOW SYSTEMS AND SENSING SYSTEMS THEREOF HAVING INCREASED STABILITY AND USEFUL LIFE

APPLICANT(S) FOR DO/EO/US

Bruce Towe

Applicant herewith submits to the United States Designated /Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
 - This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
 3. [x] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
- [] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- [x] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [x] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] has been transmitted by the International Bureau.
 - c. [x] is not required, as the application was filed in the United States Receiving Office (RO/US).
- [] A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [x] have been transmitted by the International Bureau
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [] have not been made and will not be made.
- [] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- [x] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [] A FIRST preliminary amendment.
- [] A SECOND or SUBSEQUENT preliminary amendment.
14. [] A substitute specification.
15. [] A change of power of attorney and/or address letter.
16. [x] Other items or information: Verified Statement Claiming Small Entity Status

INTERNATIONAL APPLICATION NO.

PCT/US99/02493

INTERNATIONAL FILING DATE

February 4, 1999

09/600947

17. [] The following fees are submitted:

CALCULATIONS PTO USE ONLY

Basic National Fee (37 CFR 1.492(a)(1)-(5):

Search Report has been prepared by the EPO or JPO \$910.00

International preliminary examination fee paid
to USPTO (37 CFR 1.482) \$700.00No international preliminary examination fee
paid to USTPO (37 CFR 1.482) but international
search fee paid to USPTO (37 CFR 1.445(a)(2)) \$770.00Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,040.00International preliminary examination fee paid to USPTO (37 CFR
1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 96.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$96.00

Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30
months from the earliest claimed priority date (37 C.F.R. 1.492(e)).

\$

	Claims	Number Filed	Number Extra	Rate	\$
Total	Claims	20 -20=		X \$ 22.00	\$0
Independent Claims		1 -3=		X \$ 80.00	\$0
Multiple dependent claim(s) (if applicable)				+ \$260.00	\$0

TOTAL OF ABOVE CALCULATIONS =

\$96.00

Reduction by ½ for filing by small entity, if applicable. Verified Small Entity statement
must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

\$48.00

	SUBTOTAL =	\$48.00
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	+ \$	
	TOTAL NATIONAL FEE =	\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	+ \$	
	TOTAL FEES ENCLOSED =	\$48.00
	Amt. refunded	\$
	charged	\$

- a. [x] A check in the amount of \$ 48.00 to cover the above fees is enclosed.
 b. [] Please charge our Deposit Account No. 02-4377 in amount of \$ _____ to cover the above fees. A copy of this sheet is enclosed.
 c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Deposit Account No. 02-4377. A copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or
(b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

BAKER BOTTS L.L.P.
30 Rockefeller Plaza
New York, New York 10112-0228

Signature

July 25, 2000

Date

32,689

Registration No.